AUTHOR INDEX

Adiga, P.R., see Visweswariah, S.S. (915) 141
Afshar-Rad, T., Bailey, A.I., Luckham, P.F., MacNaughtan, W. and Chapman, D.
Forces between proteins and model polypeptides adsorbed on mica surfaces (915) 101
Alexandrova, E.A. and Beltchev, B.G.
Differences between HMG1 proteins isolated from normal and tumour cells (915) 399
Amiconi, G., see Ascenzi, P. (915) 421
Amma, E.L., see Huber, K.R. (915) 267
Andersson, K.K., see Petersson, L. (915) 261
Arantes, E.C., see Arêas, E.P.G. (915) 292
Arêas, E.P.G., Giglio, J.R., Arantes, E.C. and Kawano, Y.
Raman and infrared spectra of toxin γ from the venom of the scorpion *Tityus serrulatus* (915) 292
Ascenzi, P., Menegatti, E., Guarneri, M. and Amiconi, G.
Active-site titration of serine proteinases acting selectively on cationic substrates by *N*-α-carbobenzoxy-L-arginine *p*-nitrophenyl ester and *N*-α-carbobenzoxy-L-lysine *p*-nitrophenyl ester; determination of active enzyme concentration (915) 421
Ascoli, F., see Coletta, M. (915) 415
Ascone, I., Bianconi, A., Dartyge, E., Della Longa, S., Fontaine, A. and Momenteau, M.
Linear Fe–C–O configuration in carbonyl 1-methylimidazole iron(II) porphyrin detected by XANES in dispersive mode (915) 168
Augusteyn, R.C., Hum, T.P., Putilin, T.P. and Thomson, J.A.
The location of sulphydryl groups in α-crystallin (915) 132
Awazu, S., see Kasai-Morita, S. (915) 277

Bailey, A.I., see Afshar-Rad, T. (915) 101
Barnett, D., see Tyler, M.I. (915) 210
Beltchev, B.G., see Alexandrova, E.A. (915) 399
Bernasconi, P., Locher, R., Pilet, P.E., Jollès, J. and Jollès, P.
Purification and *N*-terminal amino-acid sequence of a basic lysozyme from *Parthenocissus quinquifolia* cultured in vitro (915) 254
Berndt, N., Neubauer, H.P. and Rösen, P.
Rat heart glycogen phosphorylase II is genetically distinct from phosphorylase I (915) 217
Bianconi, A., see Ascone, I. (915) 168
Bille, V., Plainchamp, D. and Remacle, J.
Affinity and stability modifications of immobilized alcohol dehydrogenase through multipoint copolymerization (915) 393
Bjerrum, M.J.
Structural and spectroscopic comparison of manganese-containing superoxide dismutases (915) 225
Blanchard, R.A., see Wright, J. (915) 68
Blombäck, B., see Larsson, U. (915) 172
Bot, G., see Vereb, G. (915) 19
Bradwell, A.R., see Hirrell, P.A. (915) 371
Brunori, M., see Coletta, M. (915) 415
Byrne, M.D. and Nicholas, D.J.D.
A membrane-bound dissimilatory nitrate reductase from *Rhodobacter sphaeroides* f.sp. *denitrificans* (915) 120

Cardemil, E., see Malebrán, L.P. (915) 385
Chapman, D., see Afshar-Rad, T. (915) 101
Cheng, C.-H.C., see Schrag, J.D. (915) 357
Churchill, P.F., see Guengerich, F.P. (915) 246
Coletta, M., Santucci, R., Focesi Jr., A., Ascoli, F. and Brunori, M.
Redox properties of components I and IV of trout hemoglobins: kinetic and potentiometric studies (915) 415
Collins, M.F., see Hirrell, P.A. (915) 371
Curti, B., see Gavazzi, E. (915) 188

Dancker, P., see Wendel, H. (915) 199
Dancker, P., see Wendel, H. (915) 205
Dartyge, E., see Ascone, I. (915) 168
De Certaines, J., see Gallier, J. (915) 1
Della Longa, S., see Ascone, I. (915) 168
Desnick, R.J., see Osiecki-Newman, K. (915) 87
DeVries, A.L., see Schrag, J.D. (915) 357
Dohi, Y., Iwami, K., Yonemasu, K. and Moriyama, T.
Two proteins with γ-carboxyglutamic acid in frog bone: isolation and comparative characterization (915) 378
Drew, R., see Hirrell, P.A. (915) 371
Dubord, C., see Thomé, F. (915) 342

Eftink, M.R., see Wasylewski, Z. (915) 331

Fabbro, D., see Osiecki-Newman, K. (915) 87
Ferri, G., Stoppini, M., Iadarola, P., Zapponi, M.C., Galliano, M. and Minchiotti, L.
Structural characterization of the subunits of spinach chloroplast glyceraldehyde-3-phosphate dehydrogenase (NADP) (915) 149
Fleischer, S., see Guengerich, F.P. (915) 246
Focesi Jr., A., see Coletta, M. (915) 415
Fodor, A., see Vereb, G. (915) 19
Fontaine, A., see Ascone, I. (915) 168
Fortier, N., see Shaklai, N. (915) 406
Frayman, B., see Shaklai, N. (915) 406
Fryer, A.A., see Hirrell, P.A. (915) 371

Galliano, M., see Ferri, G. (915) 149
Gallier, J., Rivet, P. and De Certaines, J.
^{1}H- and ^{2}H-NMR study of bovine serum albumin solutions (915) 1
Gavazzi, E., Malgaretti, N. and Curti, B.
Immunochemical properties of D-amino-acid oxidase (915) 188
Giglio, J.R., see Arêas, E.P.G. (915) 292
Golly, I., see Hlavica, P. (915) 28
Grabowski, G.A., see Osiecki-Newman, K. (915) 87
Griffith, E.H., see Huber, K.R. (915) 267
Guarneri, M., see Ascenzi, P. (915) 421
Guengerich, F.P., Churchill, P.F., Jung, C.Y. and Fleischer, S.
Target inactivation analysis applied to determination of molecular weights of rat liver proteins in the purified state and in microsomal membranes (915) 246

Hamilton, M.G., see Herskovits, T.T. (915) 157
Herskovits, T.T. and Hamilton, M.G.
Hydrophobic stabilization of chiton hemocyanins: effects of ureas, Hofmeister salts and pH on their dissociation (915) 157
Himanen, J.-P., see Korpela, T. (915) 299
Hirrell, P.A., Hume, R., Fryer, A.A., Collins, M.F., Drew, R., Bradwell, A.R. and Strange, R.C.
Studies on the developmental expression of glutathione *S*-transferase isoenzymes in human heart and diaphragm (915) 371
Hlavica, P., Golly, I. and Wolf, J.
Influence of *N*,*N*-dimethylaniline on the association of phenobarbital-induced cytochrome *P*-450 and NADPH–cytochrome *c*(*P*-450) reductase in a reconstituted rabbit liver microsomal enzyme system (915) 28
Horie, T., see Kasai-Morita, S. (915) 277
Howden, M.E.H., see Tyler, M.I. (915) 210
Huber, K.R., Sridhar, R., Griffith, E.H., Amma, E.L. and Roberts, J.
Superoxide dismutase-like activities of copper(II) complexes tested in serum (915) 267
Hum, T.P., see Augusteyn, R.C. (915) 132
Hume, R., see Hirrell, P.A. (915) 371
Hunter, I., see Skerrow, D. (915) 125

Iadarola, P., see Ferri, G. (915) 149
Iwami, K., see Dohi, Y. (915) 378

Jefferis, R., see Walker, M.R. (915) 314
Jinbu, Y., see Ueno, E. (915) 77
Jollès, J., see Bernasconi, P. (915) 254
Jollès, P., see Bernasconi, P. (915) 254
Jung, C.Y., see Guengerich, F.P. (915) 246

Kasai-Morita, S., Horie, T. and Awazu, S.
Influence of the N–B transition of human serum albumin on the structure of the warfarin-binding site (915) 277
Kawamura-Konishi, Y. and Suzuki, H.
Kinetic studies on the reaction mechanism of sarcosine oxidase (915) 346
Kawano, Y., see Arêas, E.P.G. (915) 292
Korpela, T., Mattinen, J., Himanen, J.-P., Mekhanic, M.L. and Torchinsky, Y.M.
Phosphorus-31 nuclear magnetic resonance of aspartate aminotransferase from chicken heart cytosol (915) 299
Krieger, T.J., Mende-Mueller, L. and Miziorko, H.M.
Phosphoribulokinase: isolation and sequence determination of the cysteine-containing active-site peptide modified by 5′-*p*-fluorosulfonylbenzoyladenosine (915) 112

Larsson, U., Blombäck, B. and Rigler, R.
Fibrinogen and the early stages of polymerization to fibrin as studied by dynamic laser light scattering (915) 172
Lee, J., see Walker, M.R. (915) 314
Legler, G., see Osiecki-Newman, K. (915) 87
Locher, R., see Bernasconi, P. (915) 254
Luckham, P.F., see Afshar-Rad, T. (915) 101
Lyons, A., Richardson, M., Tatham, A.S. and Shewry, P.R.
Characterization of homologous inhibitors of trypsin and α-amylase from seeds of rye (*Secale cereale* L.) (915) 305

MacNaughtan, W., see Afshar-Rad, T. (915) 101
Magnotti Jr., R.A.
Methyltrypsin: a novel probe of proteinase–inhibitor interactions (915) 46
Malebrán, L.P. and Cardemil, E.
The presence of functional arginine residues in phospho*enol*pyruvate carboxykinase from *Saccharomyces cerevisiae* (915) 385
Malgaretti, N., see Gavazzi, E. (915) 188
Mattinen, J., see Korpela, T. (915) 299
Mekhanic, M.L., see Korpela, T. (915) 299
Mende-Mueller, L., see Krieger, T.J. (915) 112
Menegatti, E., see Ascenzi, P. (915) 421
Minchiotti, L., see Ferri, G. (915) 149
Miziorko, H.M., see Krieger, T.J. (915) 112
Momenteau, M., see Ascone, I. (915) 168
Moriyama, T., see Dohi, Y. (915) 378
Morris, H.R., see Schrag, J.D. (915) 357

Nakahara, A., see Sakurai, T. (915) 238
Nakao, M., see Ueno, E. (915) 77
Neubauer, H.P., see Berndt, N. (915) 217
Nicholas, D.J.D., see Byrne, M.D. (915) 120
Nicholson, P., see Tyler, M.I. (915) 210

Offner, G.D., see Wright, J. (915) 68
Ohnishi, M. and Reithmeier, R.A.F.
Terbium-binding properties of calsequestrin from skeletal muscle sarcoplasmic reticulum (915) 180
Olesen, P.R., see Sharma, K.K. (915) 284
Olomucki, A., see Thomé, F. (915) 342
Orosz, F. and Ovádi, J.
A simple approach to identify the mechanism of intermediate transfer: enzyme system related to triose phosphate metabolism (915) 53
Ortwerth, B.J., see Sharma, K.K. (915) 284
Osiecki-Newman, K., Fabbro, D., Legler, G., Desnick, R.J. and Grabowski, G.A.

Human acid β-glucosidase: use of inhibitors, alternative substrates and amphiphiles to investigate the properties of the normal and Gaucher disease active sites (915) 87
Ovádi, J., see Orosz, F. (915) 53

Panico, M., see Schrag, J.D. (915) 357
Petersson, L. and Andersson, K.K.
Magnetic susceptibility and NMR studies on tetraheme cytochrome *c*-554 from *Nitrosomonas europaea* (915) 261
Pilet, P.E., see Bernasconi, P. (915) 254
Plainchamp, D., see Bille, V. (915) 393
Pochon, F.
Some consequences of the covalent and non-covalent binding modes of plasmin with α_2-macroglobulin (915) 37
Putilin, T.P., see Augusteyn, R.C. (915) 132

Reithmeier, R.A.F., see Ohnishi, M. (915) 180
Remacle, J., see Bille, V. (915) 393
Richardson, M., see Lyons, A. (915) 305
Rigler, R., see Larsson, U. (915) 172
Rivet, P., see Gallier, J. (915) 1
Roberts, J., see Huber, K.R. (915) 267
Rösen, P., see Berndt, N. (915) 217

Sakurai, T., Sawada, S., Suzuki, S. and Nakahara, A.
Properties of the type II copper-depleted cucumber ascorbate oxidase and its reaction with azide (915) 238
Santucci, R., see Coletta, M. (915) 415
Sato, S., see Ueno, E. (915) 77
Sawada, S., see Sakurai, T. (915) 238
Schrag, J.D., Cheng, C.-H.C., Panico, M., Morris, H.R. and DeVries, A.L.
Primary and secondary structure of antifreeze peptides from arctic and antarctic zoarcid fishes (915) 357
Shaklai, N., Frayman, B., Fortier, N. and Snyder, M.
Crosslinking of isolated cytoskeletal proteins with hemoglobin: a possible damage inflicted to the red cell membrane (915) 406
Sharma, K.K., Olesen, P.R. and Ortwerth, B.J.
The binding and inhibition of trypsin by α-crystallin (915) 284
Shewry, P.R., see Lyons, A. (915) 305
Skerrow, C.J., see Skerrow, D. (915) 125
Skerrow, D., Skerrow, C.J. and Hunter, I.
Epidermal α-keratin is neutral-buffer-soluble and forms intermediate filaments under physiological conditions in vitro (915) 125
Snyder, M., see Shaklai, N. (915) 406
Spence, I., see Tyler, M.I. (915) 210
Sridhar, R., see Huber, K.R. (915) 267
Stoppini, M., see Ferri, G. (915) 149
Strange, R.C., see Hirrell, P.A. (915) 371
Summerfield, J.A., see Taylor, M.E. (915) 60
Suzuki, H., see Kawamura-Konishi, Y. (915) 346
Suzuki, S., see Sakurai, T. (915) 238

Tatham, A.S., see Lyons, A. (915) 305
Tauber, A.I., see Wright, J. (915) 68
Taylor, M.E. and Summerfield, J.A.
Carbohydrate-binding proteins of human serum: isolation of two mannose/fucose-specific lectins (915) 60
Thomé, F., Vachette, P., Dubord, C. and Olomucki, A.
Conformational changes in octopine dehydrogenase induced by the binding of ligands (915) 342
Thomson, J.A., see Augusteyn, R.C. (915) 132
Torchinsky, Y.M., see Korpela, T. (915) 299
Troxler, R., see Wright, J. (915) 68
Tyler, M.I., Barnett, D., Nicholson, P., Spence, I. and Howden, M.E.H.
Studies on the subunit structure of textilotoxin, a potent neurotoxin from the venom of the Australian common brown snake *(Pseudonaja textilis)* (915) 210

Ueno, E., Sato, S., Jinbu, Y. and Nakao, M.
Dynamic association of band 3 with Triton shells in human erythrocyte ghosts (915) 77

Vachette, P., see Thomé, F. (915) 342
Vereb, G., Fodor, A. and Bot, G.
Kinetic characterization of rabbit skeletal muscle phosphorylase *ab* hybrid (915) 19
Visweswariah, S.S. and Adiga, P.R.
Purification of a circulatory riboflavin carrier protein from pregnant bonnet monkey (*M. radiata*): comparison with chicken egg vitamin carrier (915) 141

Walker, M.R., Lee, J. and Jefferis, R.
Immunogenicity and antigenicity of immunoglobulins: detection of human immunoglobulin light-chain carbohydrate, using concanavalin A (915) 314
Wasylewski, Z. and Eftink, M.R.
Frequency-domain fluorescence studies of an extracellular metalloproteinase of *Staphylococcus aureus* (915) 331
Wendel, H. and Dancker, P.
Influence of phalloidin on ATP hydrolysis during actin polymerization (915) 205
Wendel, H. and Dancker, P.
Influence of phalloidin on both the nucleation and the elongation phase of actin polymerization (915) 199
Wolf, J., see Hlavica, P. (915) 28
Wright, J., Yoshimoto, S., Offner, G.D., Blanchard, R.A., Troxler, R. and Tauber, A.I.
Structural characterization of the isoenzymatic forms of human myeloperoxidase (915) 68

Yonemasu, K., see Dohi, Y. (915) 378
Yoshimoto, S., see Wright, J. (915) 68

Zapponi, M.C., see Ferri, G. (915) 149